3001

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	3001	038	03	25	76	26AE	3607	7543

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0004	11	12	15	029	Y	SW	10

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	OC	SA	S	FT	070	—	09	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00231	—	—	00027

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN 3H4	LORAN 3H5	DEPTH fms	C/C	TIME ON STATION PO	TIME ON STATION DO
START	36°07′	75°43′	1553	3010	4		0840	0841
FINISH	36 09′	75°44′	1569	3013	4		PU 0911	ON 0914

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1200/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

1 Blue back herring

4 Alewife

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Species: Hoss. aestivalis — MARCH — 76

Specimen Number	L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
1770	[illegible]54	♀						III	2991	
71	237	♀						I		
72	242	♀						III		
73	250	♀						III		
74	[illegible]0	♂								
75	242	♂								
76	240	♂								
77	253	♀						I		2,5
78	243	♂								221
79	233	♂								
80	231	♂								4
81	234	♂								
82	253	♀						II		
83	232	♂								
84	237	♂								
85	241	♀						I		Plumula.
86	234	♂								
87	235	♂								
88	238	♂								
89	98	UNK								
1890	248	♀						I	3001	
91	135	♂							3002	
92	176	♀						Im		
93	178	♀						Im		
94	253	♀						III		
95	260	♀						III		
96	274	♀						III		
97	273	♀						III		
98	257	♀						III		
99	258	♀						III		
1800	213	♀						I	3004	

R/V DAN MOORE SPECIES LIST

26AE

STA. NO. 3001 DATE 3/25 19 76 BIOLOGISTS BFH JV SGK

TOT. CATCH WT. 258.4 AIR 15 SURFACE 11.4 BOTTOM 11.6

SAMPLE WT. 258.4 RAISING FACTOR 0

SPECIES	C or NC	SUBSAMPLE NUMBER	SUBSAMPLE WEIGHT	TOTAL NO.	TOTAL WT.	$\bar{X}$ WT	REMARKS
Lophius americanus				5	156	31.2	
Cynoscion regalis	C			38	55	1.4	
	NC			14	1.8	0.1	
Peprilus alepidotus	C			1	1.0	1.0	
Paralichthys dentatus				19	6	0.3	
Brevoortia tyrannus				2	1.5	0.8	
Urophycis regia				3	2.0	0.7	
Leiostomus xanthurus	C			2	0.8	0.4	
	NC			1	0.1	0.1	
Alosa aestivalis				1	0.4	0.4	
Alosa pseudoharengus				4	0.2	<0.1	
Peprilus triacanthus	C			4	1.0	0.3	
Prionotus evolans				4	3.3	0.8	
Scophthalmus aquosus				2	0.6	0.3	
Raja eglanteria				1	2	2.0	
Sphoeroides maculatus				1	0.1	0.1	
Bairdiella chrysoura				4	0.6	0.2	
Micropogon undulatus	NC			2	0.5	0.3	
Mustelus canis	C			1	0.5	0.5	
Lolliguncula brevis				2	trace	trace	
Limulus polyphemus				7	25	3.6	

1
52
25
32
47
6

Species: *P. dentatus*

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
1	296	♀						I	3001	Area I
2	307	♀						I		
3	293	♂								
4	277	♂								
5	223	♀						I		
6	282	♀						I		
7	208	♂								
8	300	♀						I		
9	214	♂								
10	225	♂								
11	280	♀						I		
12	216	♂								
13	210	♀						I		
14	221	♀						I		
15	221	♂								
16	250	♀						I		
17	225	♂								
18	231	♀						I		
19	222	♀						I		

Species: Alosa pseudoharengus MARCH 76

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Oocl-atic.	Age	Gonad Stage	Station Number	Remarks
35	104	♂						1M	3001	
36	125	♀						1M		
37	116	♀						1M		
38	107	♂						1M		
39	81	♂						1M	3002	
40	104	♂						1M		
41	123	♂						1M		
42	105	♀						1M		
43	110	♀						1M		
44	126	♀						1M		
45	122	♀						1M		
46	113	♀						1M		
47	113	♂						1M	3009	
48	108	♀						1M		
49	123	♂						1M	3010	

Length-frequency distribution

Species: P. dentatus

Station: 3001

Date: 3/25/76

Locality: 20AE

T.L.	♂	♀	SEXES COMBINED
190 - 194			
110 -			
120 -			
130 -			
140 -			
150 -			
160 -			
170 -			
180 -			
190 -			
200 -	I (1)		(1)
210 -	II (2)	I (1)	(3)
220 -	III (3)	III (3)	(6)
230 -		I (1)	(1)
240 -			
250 -		I (1)	(1)
260 -			
270 -	I (1)		(1)
280 -		II (2)	(2)
290 -	I (1)	I (1)	(2)
300 -		II (2)	(2)
310 -			
320 -			
330 -	8	11	19
340 -			
350 -			
360 -			
370 -			
380 -			
390 -			
400 -			
410 -			
420 -			
430 -			
440 -			
450 -			
460 -			
470 -			
480 -			
490 -			
500 -			
510 -			
520 -			
530 -			
540 -			
550 -			
560 -			
570 -			
580 -			
590 -			

T.L.
600 -
610 -
620 -
630 -
640 -
650 -
660 -
670 -
680 -
690 -
700 -
710 -
720 -
730 -
740 -
750 -

♂ 8 208 - 293

♀ 11 210 - 307

Sheet ___ of ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *Alosa aestivalis*

DATE: 3/25/76

STATION: 3001

LOCALITY: 26AE

T.L.	♂	♀	Unk
50-59.9			
60-			
70-			
80-			
90-			
100-			
110-			
120-			
130-			
140-			
150-			
160-			
170-			
180-			
190-			
200-			
210-			
220-			
230-			
240-		1	
250-			
260-			
270-			
280-			
290-			
300-			
310-			
320-			
330-			
340-			
350-			
360-			
370			
380-			
390-			
400-			
410-			
420-			
430-			
440-			
450-			
460-			
470-			
480-			
490-			
500-			
510-			
520			
530-			
540-			

T.L.	♂	♀	Unk
550-			
560-			
570-			
580-			
590-			
600-			
610-			
620-			
630-			
640-			
650-			
660-			
670-			
680-			
690-			
700-			
TOTAL		1	

N = 1

Range

♀ 248

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: ALOSA PSEUDOHARENGUS

STATION: 3001

DATE: 3/25/76

LOCALITY: 26AE

T.L.	♂	♀	Unk
50-59.9			
60-			
70-			
80-			
90-			
100-	2		
110-		2	
120-			
130-			
140-			
150-			
160-			
170-			
180-			
190-			
200-			
210-			
220-			
230-			
240-			
250-			
260-			
270-			
280-			
290-			
300-			
310-			
320-			
330-			
340-			
350-			
360-			
370			
380-			
390-			
400-			
410-			
420-			
430-			
440-			
450-			
460-			
470-			
480-			
490-			
500-			
510-			
520			
530-			
540-			

T.L.	♂	♀	Unk
550-			
560-			
570-			
580-			
590-			
600-			
610-			
620-			
630-			
640-			
650-			
660-			
670-			
680-			
690-			
700-			
TOTAL	2	2	

N = 4

Range ♂ 104-107

♀ 115-116

PAGE ___ OF ___

SUMMARY SHEET

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *Alosa pseudoharengus* STATION:

DATE: MAR. LOCALITY:

T.L.	♂	♀	Unk		T.L.	♂	♀	Unk	
50-59.9					550-				
60-					560-				
70-					570-				
80-	1				580-				
90-					590-				
100-	3	2			600-				
110-	1	4			610-				
120-	2	2			620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL	7	8		
240-									
250-									
260-						N=15			
270-									
280-									
290-						Range			
300-							♂	81-123	
310-									
320-									
330-							♀	105-126	
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-								PAGE ___ OF ___	

3001